



The Program

The Ontario government has dedicated \$50 million over the next five years to the promotion of solar energy in Ontario.

The Commercial/Industrial Solar Demonstration Program is the first of a number of programs being developed by the Ontario Ministry of Energy as part of its ambitious Solar Energy Strategy for Ontario; designed to encourage the use of solar energy in a broad range of applications.

Under the program, the Ministry of Energy will share the cost of purchasing and installing solar energy systems with commercial and industrial companies, municipalities and registered non-profit and religious organizations.

The program is designed to stimulate the market for active solar energy systems, principally for heating hot water, in the commercial and industrial sectors.

By encouraging the use of solar energy systems, this program will create jobs in the solar energy and related equipment industries and in the contracting field. It will help private sector energy users understand the potential of solar energy systems.

Manufacturers and installers of solar energy systems will also gain increased business as well as an opportunity to improve the cost/performance ratios of their solar systems.

Financing and Timing

Over the next year, from April 1, 1981 to March 31, 1982, up to \$2 million will be made available to assist commercial and industrial companies, municipalities and registered non-profit and religious organizations to install solar equipment. The province will share up to 90 per cent of the cost of purchasing and installing solar energy systems.

Proposals will be solicited and evaluated during this year, on a competitive basis, and a selected number of companies and organizations will receive grants for sharing the cost of installing a solar energy system.

Proposals will be evaluated on the basis of the cost-effectiveness of the solar energy system and other criteria listed in the document Terms of Reference for the Commercial/Industrial Solar Demonstration Program.

The Background

Ontario must buy about 80 per cent of its primary energy needs from outside the province, making it especially vulnerable to uncertainties in energy supply and prices. Canada, although nominally self-sufficient in energy, must import about 350,000 barrels of crude oil a day at world prices.

Ontario has responded to these uncertainties by taking several strategic policy initiatives to help Canada become self-sufficient in crude oil and help Ontario achieve a secure energy future.

Key elements to achieving both goals are conservation and reducing oil needs by *substituting* other fuels such as electricity, natural gas, coal, energy from waste materials and *renewable energies* for oil wherever possible.

On October 10, 1980, the Minister of Energy announced a five-year, \$50-million solar energy program as part of a larger \$165-million, 10-point energy conservation and renewable energy package.

New targets were also set, including:

- a Provincial goal to produce 37.5 per cent of Ontario's primary energy in 1995 from indigenous sources compared with 23.5 per cent in 1980;

closing date of July 15/88

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- a Provincial goal to produce five per cent of Ontario's primary energy in 1995 from renewable and recoverable energy resources, not including hydroelectric resources.

Solar energy is expected to contribute two per cent of Ontario's primary energy by 1995, equivalent to 15 million barrels of oil or enough to heat more than 700,000 homes.

Who Can Apply

Corporations operating in Ontario, Ontario municipalities and registered non-profit and religious organizations owning and operating commercial or industrial buildings or industrial process systems in Ontario. Solar system manufacturing companies cannot apply but there are opportunities to promote and work with users. To obtain additional information on how to apply, contact:

Information Officer
Commercial/Industrial
Demonstration Program
Ministry of Energy
56 Wellesley Street West
Toronto, Ontario M7A 2B7

Telephone (416) 965-3246
Zenith 80420

Your Contribution

Any of the eligible groups or companies selected to participate in the Commercial/Industrial Solar Demonstration Program can do so by:

- assuming a portion of the cost of the solar energy system;
- arranging for the design, purchase, installation, and commissioning of the solar energy system;
- operating and maintaining the solar energy system;
- allowing monitoring equipment to be installed;
- taking bi-monthly readings from the monitoring equipment on behalf of the Ministry of Energy.

a Commercial/ Industrial Solar Demonstration Program for Ontario



Ministry
of
Energy



Energy
Ontario